

# AP&T®

Shanghai Anping Static Technology Co.,Ltd

## New Upgrade

### Desktop Mini Ionizing Air Blower

#### AP-DC2453



—AP&T—

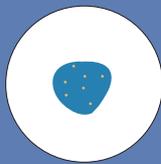


Widely used in electronics, optoelectronics, semiconductor and other industries.

Effectively solve the problems caused by static electricity.



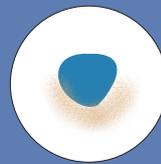
Static removal



Prevent adhesion of objects



Prevent sticking

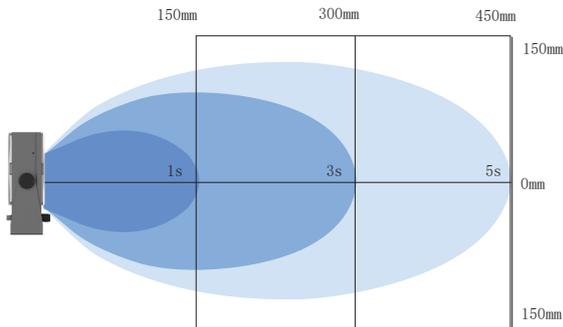


Control ink splashing



Prevent uneven scattering

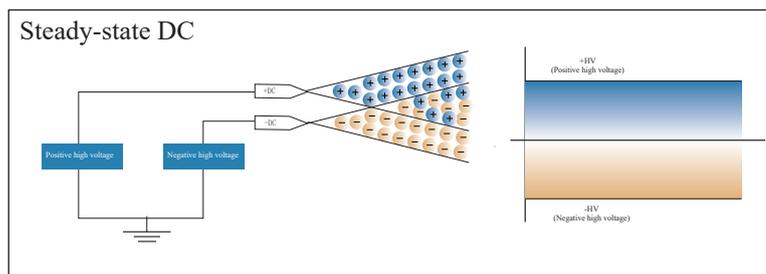
# Discharge effect



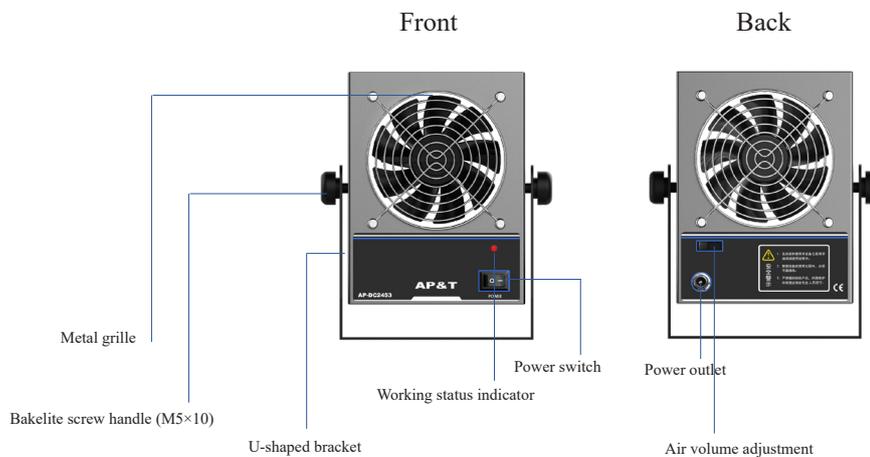
Test standard: ANSI/ESD.STM3.1, SJ/T 11446—2013  
 Test instrument: Trek157 static tester  
 Test voltage:  $\pm 1000V \rightarrow \pm 100V$  attenuation  
 Test environment: humidity 50 $\pm$ 5%; temperature 23 $\pm$ 3 $^{\circ}C$

# Working way

AP-DC2453 mini ionizing air blower uses positive and negative synchronous emission electrodes to generate corona discharge through DC high voltage. Ionizing air molecules and generating a large number of positive and negative air ions, which are blown toward the surface of the object to be eliminated by an axial blower for static removal.



# Product details



# Features



No.1

## Mini type

Compact size and easy to install.  
Can be installed inside other equipment for static removal.

No.2

## 3 speed adjustment

A button on the back of ionizing air blower to adjust the wind speed of high, middle and low.



No.3

## External power adapter

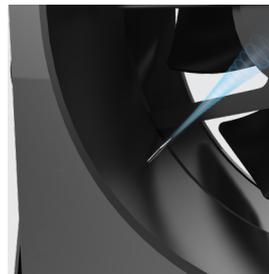
Configure special external power adapter.



No.4

## Standard tungsten alloy needle

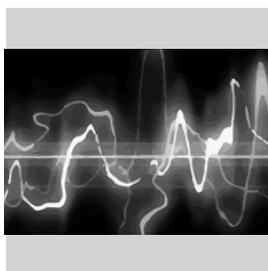
Tungsten alloy has a longer service life compared with titanium and silicon materials.



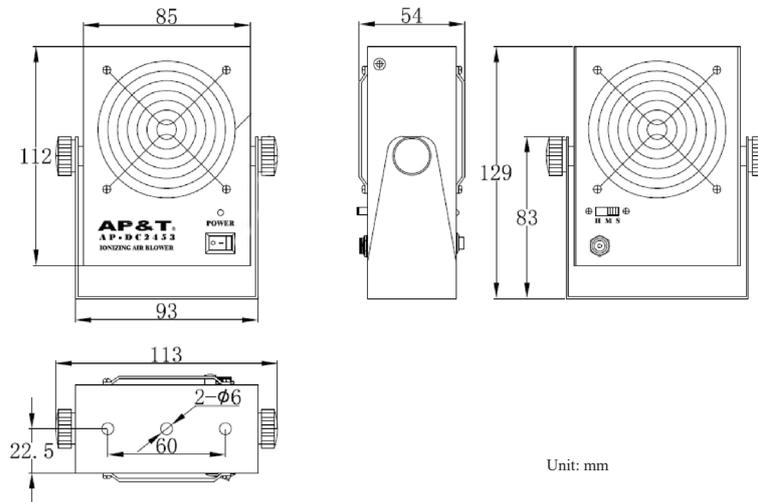
No.5

## CE certification

This is a high safety and reliability static eliminator.



## Dimension



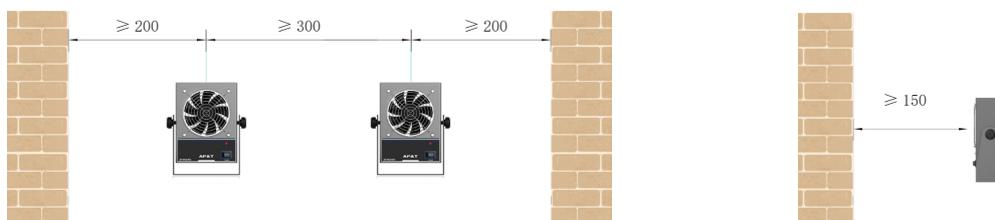
## Installation

### Installation steps

1. Firmly install ionizing air blower and matching power adapter in the best discharging position.
2. Insert the circular plug of the power cord into the power socket of the ionizing air blower and insert the adapter socket into the row socket.
3. Switch on and the ionizing air blower work normally when indicator light is on.

### Installation tips

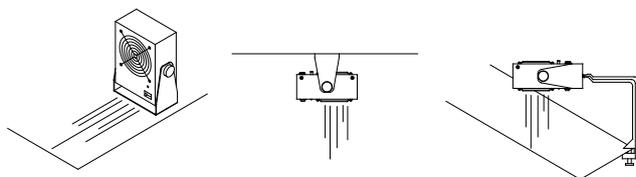
1. Place ionizing air blower in the working area where static electricity is to be eliminated. The installation angle should be perpendicular to the surface of the charged body and about 150 to 450 mm away from the static electricity object.
2. Ionizing air blower should be at least 200mm away from the metal conductor and metal grounding body.
3. Two ionizing air blowers should be installed side by side with an interval of more than 300mm and more than 200mm away from obstacles such as walls.
4. The air inlet is at least 150mm away from the wall.



## Specification

Model	AP-DC2453
Input voltage	DC12V
Power	5.5W
Working voltage	±DC3000-DC5000V
Ion emission	Steady-state DC
Emitter electrode	Tungsten alloy
Discharge structure	Uncoupled electrical contact (discharge cylinder)
Discharge range	450*300mm (L*W)
Discharge speed	≤1.5s (150mm from the front of the air outlet)
Ion balance	-15V ~ +15V (150mm from the front of the air outlet)
Alarm indication	The power indicator light is on indicating normal operation
Air volume	≤48.2CFM
Noise	≤38.9db (1m away from the air outlet)
Ozone thickness	≤0.05ppm (150mm from the front of the air outlet)
Working temperature	0-50°C
Working humidity	30-70%RH
Dimensions	113*54*129mm (L*W*H)
Blower material	Aluminum dusting
Packaging accessories	1 pair of U-shaped aluminum powder spraying mounting brackets, 1 pair of bakelite screw handles (M5×10)
Adapter power	Input:AC100-240V 50/60Hz; Output:DC12V 1000mA
Net weight	350g (blower body, including mounting bracket and screw handle)
Gross weight	600g
Warranty	1 year
Certification	CE

## Installation diagram



# AP&T<sup>®</sup>

## Speciality Creates Value

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